

Missouri Department of Transportation-Construction and Materials Division

1			Co	ncre	Concrete Mix Design Submittal Form	esign S	Submi	ttal Fo	B		Date:				
Concrete Supplier:	plier:									Plant I	lant Location:				
Designer Name:	ame:									Teleph	Telephone No.:				
Note: This form should be submitted with a cover letter acknowledging which MoDOT contracts a mix is planned to be used on if any are known.	n should	be subm	itted w	ith a c	over letter o	zcknowle	edging 1	which Mo	DOT co	ntracts	a mix is pla	nned to	be used on ij	any are kno	wn.
Components															
Mineral	P	Producer	•			Туре				Unit v	Unit Wt (lb/cf)		G	Absorption	Ledges
Fine Agg.					Class A Natural Sand for Concrete	Natura	Sanc	for Co	ncrete						
Interm .Agg. *1															*
Coarse Agg.					Modified Grade F Limestone for PCCM, Brdge Deck Repair	le F Limesto	one for PC	CM, Brdge De	ck Repair					· ·	
Cement					Τ _V	pe 1 Po	orland	Type 1 Porland Cement							
Fly Ash															
GGBFS															
Note *1 The intermediate aggregate is essentially a second course aggregate	aggregate	is essent	ially a	second	course aggr	egate.							J	•	
Adilixuies	٥	OCICA				1 ypa							Į.	Ciario Ivallic	
#1						Air En	trainin	Air Entraining Agent for Concrete	for Co	ncrete					
#5					Туре	A Wat	ter Rec	Type A Water Reducing Agent for Concrete	gent fo	or Con	crete				
#3					Тур	e B Re	tarding	Type B Retarding Admixture for	ture for	r Concrete	rete		-		
Proportions and Properties	Prop	erties	for u	ip to fi	(for up to five mixes)										
	¥	Water Cement	=					Cubic Yard Batch	rd Batch	Rates (lbs)	bs)		Adm	Admixture Rate Range	ange
MoDOT Mix ID	z,	Factor Factor	•		Dry Yield for							3	Admix #1	Admix #2	Admix #3
(to be filled in by MoDOT)	Class gal	 	Slump	% Air	4	Cement	Fly Ash.	GGBFS	F.A.	I.A	C.A.	Water	oz/cwt	oz/cwt	oz/cwt
1	B-2		4	5.5	DOT	733			1053		1709	293			
2		y Mo			у Мо										
3					d in b										
4	611				e fille										
5	<i>T</i> 1				To b										